

Serial No. 10,785,335

AMENDMENT TO THE CLAIMS

1. (Currently amended) A separator device, comprising:

5 A) a wound conduit member having an internal surface and an outermost wall portion and including an inlet and an outlet, and said outermost wall portion including a plurality of through openings with an inwardly extending wall cooperatively disposed adjacent and downstream to said through openings at an angle to facilitate the exit of solids by defining an entrance adjacent to said outermost wall portion, said outermost wall portion includes outwardly extending walls for each of said through openings cooperatively disposed adjacent and upstream to said through openings to prevent said small particles from coming back inside said conduct member, said
10 outwardly extending walls are cooperatively disposed at an angle to facilitate the exit of said liquid by defining an entrance adjacent to said outermost wall portion;

20 B) means for applying a pressure differential between said inlet and outlet so that a fluid having small particles in suspension entering said inlet is forced through said wound conduit member and out through said outlet causing said small particles to be forced out through said through openings by the action of centrifugal forces; and

25 C) housing means wherein said wound conduit member is mounted therein thereby containing said small particles.

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2. (Cancelled).

3. (Currently amended) The device set forth in claim 21 wherein said inwardly extending wall is positioned at an angle between 15 and 45 degrees with respect to said internal surface.

4. (Original) The device set forth in claim 3 wherein said outwardly extending wall is positioned at an angle between 15 and 45 degrees with respect to said outermost wall portion.

5. (Currently amended) A separator device, comprising:

A) a wound conduit member having an outermost wall portion and including an inlet and an outlet, and said outermost wall portion including a plurality of through openings with an inwardly extending wall cooperatively disposed at an angle to facilitate the exit of liquid by defining an entrance adjacent to said outermost wall portion, said outermost wall portion includes outwardly extending walls; for each of said through openings cooperatively disposed adjacent and upstream to said through openings to prevent said small particles from coming back inside said conduct member, said outwardly extending walls are cooperatively disposed at an angle to facilitate the exit of said liquid by defining an entrance adjacent to said outermost wall portion;

B) means for applying a pressure differential between said inlet and outlet so that a fluid having liquids in suspension entering

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said inlet is forced through said wound conduit member and out through said outlet causing said liquid to be forced out through said through openings by the action of centrifugal forces; and

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- C) housing means wherein said wound conduit member is mounted therein thereby containing said liquid as it exits said conduit member.

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6. (Cancelled).

7. (Currently amended) The device set forth in claim 65 wherein said inwardly extending wall is positioned at an angle between 15 and 45 degrees with respect to said internal surface.

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8. (Original) The device set forth in claim 7 wherein said outwardly extending wall is positioned at an angle between 15 and 45 degrees with respect to said outermost wall portion.

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